

Converting Colors

CIELCh(75, 38.575, 132.220)

Have a look what the booklet for
CIELCh(75, 38.575, 132.220)
contains.

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Color

CIELCh(75, 38.708, 132.132)

Conversions

Conversions Part 1

Format	Color
Hex	9BC583
RGB	155, 197, 131
RGB Percent	61%, 77%, 51%
CMY	0.3939, 0.2292, 0.4879
CMYK	0.21, 0.00, 0.34, 0.23
HSL	98°, 36%, 64%
HSV	98°, 34%, 77%
XYZ	37.3636, 48.2781, 28.6708
YIQ	176.9180, -3.8460, -29.4300

Conversions

Conversions Part 2

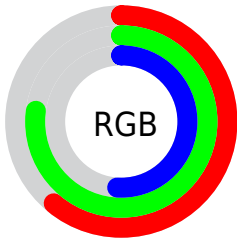
Format	Color
RYB	131, 197, 173
Decimal	10208643
CIELab	75.00, -25.97, 28.71
CIELCh	75, 38.708, 132.132
Yxy	48.2781, 0.3269, 0.4223
Android (android.graphics.Color)	4288398723 (0xFF9BC583)
YUV	176.9180, -22.6376, -19.2221
Hunter-Lab	69.4824, -25.6075, 24.1727

Details

The CIELCh color **75, 38.708, 132.132** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 39.960, 315.141**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 38.656, 132.476**, and **55, 38.659, 132.458** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.927, 131.622**, and if you desaturate by 10%, it is **76, 27.233, 132.639**.

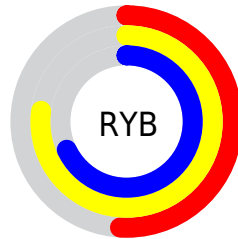
Distribution



Red (61%)

Green (77%)

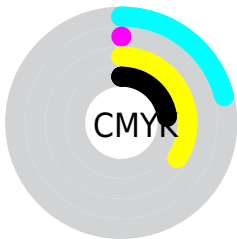
Blue (51%)



Red (51%)

Yellow (77%)

Blue (68%)

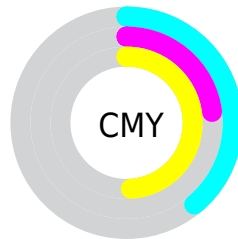


Cyan (21%)

Magenta (0%)

Yellow (34%)

Black (23%)



Cyan (39%)


Magenta (23%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 38.708, 132.132 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 75, 38.708, 132.132 by changing the saturation by 10% instead.


 75, 38.708,
132.132


 75, 38.708,
132.132


 100, 38.708,
132.132


 65, 38.708,
132.132


 95, 38.708,
132.132

 55, 38.708,
132.132

 45, 38.708,
132.132

 35, 38.708,
132.132

 25, 38.708,
132.132

 15, 38.708,
132.132

 5, 38.708, 132.132

0, 38.708, 132.132

75, 38.708,
132.132

75, 38.708,
132.132

74, 49.927,
131.622

76, 27.233,
132.639

73, 60.661,
131.147

77, 15.657,
133.119

72, 70.597,
130.776

79, 4.095, 133.584

72, 79.315,
130.609

80, 7.373, 313.915

71, 86.322,
130.773

82, 18.689,
314.276

70, 91.209,
131.379

84, 29.815,
314.586

85, 34.564,

■ 70, 93.452,
131.909

319.215

■ 86, 36.596,
325.525

■ 86, 36.660,
325.698

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75, 38.708, 132.132



61, 39.960, 315.141

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 38.708, 132.132



75, 38.708, 182.132



75, 38.708, 312.132



75, 38.708, 2.132

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75, 38.710, 132.133



98, 14.241, 133.276



72, 24.865, 83.994



52, 9.721, 133.210



0, 0.000, 0.000



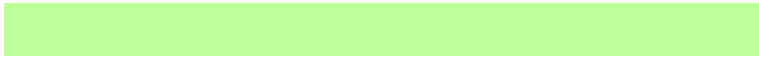
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 38.710, 132.133



94, 56.763, 131.771



74, 39.512, 145.784



41, 6.599, 133.311



59, 81.226, 131.712



11, 23.991, 135.844

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 39.960, 315.141



73, 59.001, 315.449



63, 39.564, 330.315



39, 6.663, 314.063



28, 86.758, 315.536



3, 23.083, 311.250

Previews

White Background



This preview shows how the CIELCh color 75, 38.708, 132.132 looks on a white background.

Color Contrast Check

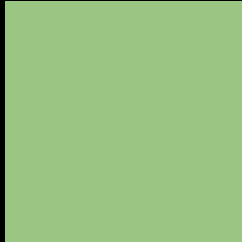
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 38.708, 132.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 38.708, 132.132

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.708, 132.132.



This preview shows how white text looks on a background with the CIELCh color 75, 38.708, 132.132.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
75, 38.708, 132.132

Protanopia
75, 32.089, 95.867

Deuteranopia
75, 28.485, 70.047



Tritanopia
75, 10.964, 246.823

Trichromacy



Original Color
75, 38.708, 132.132

Protanomaly
75, 32.957, 111.314

Deuteranomaly
74, 27.221, 97.108

Tritanomaly
75, 13.139, 163.307

Monochromacy



Original Color
75, 38.708, 132.132

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 14.234, 132.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.708, 132.132 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(155, 197, 131)` looks like.

```
.text, #text, p{  
    color:rgb(155, 197, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(155, 197, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 197, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.708, 132.132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

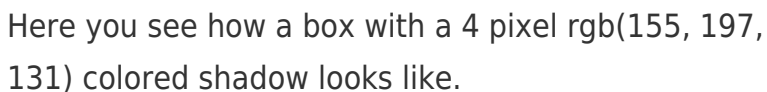
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 197, 131) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(155, 197, 131) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(155, 197, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 197, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 197, 131); box-shadow:4px 4px 4px 4px rgb(155, 197, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.708, 132.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 197, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(155,  
197, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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